



P: 1300 688 522  
 E: info@nutripath.com.au  
 A: PO Box 442 Ashburton VIC 3142

**TEST PATIENT**

GUa d'Y'HYgh'BUa Y  
 Sex : :  
 DUHY Collected : 00-00-0000  
 111 H9GH'ROAD TEST SUBURB  
**@AB =8: 00000000** UR#:0000000

**TEST PHYSICIAN**

DR JOHN DOE  
 111 CLINIC STF 99H  
 7@B=7'GI 6I F6'J =7'' \$\$\$

**BIOCHEMISTRY**

BLOOD - SERUM

**LIPIDS**

**CHOLESTEROL**

Result Range Units

**6.2 \*H** 0.0 - 5.5 mmol/L



**TRIGLYCERIDES**

**1.1** 0.2 - 1.5 mmol/L



**LIPID STUDIES**

**HDL(Protective)**

**2.4** > 1.0 mmol/L



**LDL(Atherogenic)**

**3.3** 0.5 - 3.5 mmol/L



**Cholesterol/HDL Ratio**

**2.5**

**LDL/HDL RATIO (Risk Factor)**

**1.3** 0.0 - 3.6



**Trig/HDL Ratio**

**0.5** 0.5 - 1.7



(\* ) Result outside normal reference range

(H) Result is above upper limit of reference rang (L) Result is below lower limit of reference range



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**HDL Subfractions**

**HDL Subfractions Comment**

**PLEASE NOTE:**

**\*\* The HDL subfractions test is intended for Research Use Only (RUO) - Not for use in diagnostic procedures. \*\***  
**\*\* It is provided as additional information as to the patients overall lipid metabolism status. \*\***

High-Density Lipoproteins (HDL) have long been regarded as protective in nature, by carrying excess cholesterol away from the arteries and back to the liver for disposal. However, recent studies suggest that different HDL subclasses are associated with CHD prevalence, and that measurement of these subclasses could be a better indicator of CHD than measurement of total HDL alone. Some HDL subfractions may actually have the potential of contributing to heart disease.

The HDL family forms a protective part of plasma lipoproteins. It consists of large HDL, intermediate HDL, and small HDL subclasses. The large HDL and intermediate HDL subclasses are considered anti-atherogenic parts of the HDL family. The atherogenicity of the small HDL subclass is currently the subject of much discussion.

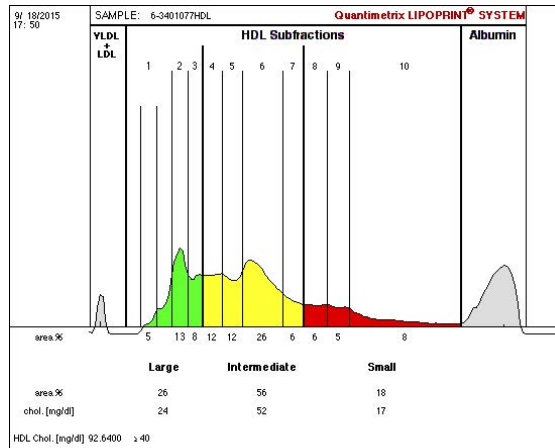
Traditionally, HDL has been separated into two major subclasses (HDL-2 and HDL-3), but depending on the separation method used, 10 subfractions have been reported. The Liposcreen HDL System can resolve up to 10 subfractions of HDL, and these are grouped into three main subclasses:

HDL 1-3 represent the Large HDL commonly referred to as HDL-2, as the most protective of the the arteries, or truly the "good" HDL cholesterol.

HDL 4-7 represent the Intermediate HDL

HDL 8-10 represent the Small HDL may indicate increased CHD risk.

<b>HDL Subfraction, Large</b>	<b>0.62</b>	<b>&gt; 0.26</b>	mmol/L	
<b>HDL Subfraction, Intermediate</b>	<b>1.35</b>	<b>&gt; 0.57</b>	mmol/L	
<b>HDL Subfraction, Small</b>	<b>0.44 *H</b>	<b>&lt; 0.28</b>	mmol/L	



(\*) Result outside normal reference range

(H) Result is above upper limit of reference rang